## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

- (i) APPLICANT: Cronin, Maureen T.

  Miyada, Charles Garrett
  Hubbell, Earl A.
  Chee, Mark
  Fodor, Stephen P.A.
  Huang, Xiaohua C.
  Lipshutz, Robert J.
  Lobban, Peter E.
  Morris, Macdonald S.
  Sheldon, Edward L.
- (ii) TITLE OF INVENTION: Arrays of Nucleic Acid Probes for Detecting Cystic Fibrosis
- (iii) NUMBER OF SEQUENCES: 250
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Townsend and Townsend and Crew LLP
  - (B) STREET: Two Embarcadero Center, 8th Floor
  - (C) CITY: San Francisco
  - (D) STATE: California
  - (E) COUNTRY: USA
  - (F) ZIP: 94111
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: Floppy disk
  - (B) COMPUTER: IBM PC compatible
  - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/544,381
  - (B) FILING DATE: 10-OCT-1995
  - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/510,521
  - (B) FILING DATE: 02-AUG-1995
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: PCT/US94/12305
  - (B) FILING DATE: 26-OCT-1994
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/284,064
  - (B) FILING DATE: 02-AUG-1994
- (vii) PRIOR APPLICATION DATA:
  - (A) APPLICATION NUMBER: US 08/143,312
  - (B) FILING DATE: 26-OCT-1993
- (viii) ATTORNEY/AGENT INFORMATION:
  - (A) NAME: Liebeschuetz, Joe
  - (B) REGISTRATION NUMBER: 37,505
  - (C) REFERENCE/DOCKET NUMBER: 018547-004130US
  - (ix) TELECOMMUNICATION INFORMATION:

			TE: 415-576-020 415-576-0300					
(2)	INFO	MATION FOR SE	Q ID NO:1:					
	(i)	(B) TYPE: nu	18 base pairs cleic acid DNESS: single					
	(ii)	MOLECULE TYPE	: DNA (oligonu	cleotide)				
	(xi)	SEQUENCE DESC	CRIPTION: SEQ I	D NO.1.				
ממיחי		A CGGGAGCA	ATTITON. BEG	D 140.1.	•			18
								10
(2)		MATION FOR SE		·				
	(i)	(B) TYPE: nu	14 base pairs cleic acid DNESS: single				٠	
•	(ii)	MOLECULE TYPE	E: DNA (oligonu	cleotide)			. *	
			1.6			1		
	(xi)	SEQUENCE DESC	CRIPTION: SEQ I	D NO:2:				
ATI	GGMGA	T GCCC	4	•				14
(2)	INFO	MATION FOR SE	EQ ID NO:3:					
	(i)	(B) TYPE: nu	14 base pairs cleic acid DNESS: single				:	
	(ii)	MOLECULE TYPE	E: DNA (oligonu	cleotide)				.•
	(xi)	SEQUENCE DESC	CRIPTION: SEQ I	D NO:3:				
ATI	rggaga	T GCCC						14
(2)	INFO	MATION FOR SE	EQ ID NO:4:					•
	(i)	(B) TYPE: nu	14 base pairs ucleic acid DNESS: single					
	(ii)	MOLECULE TYPE	E: DNA (oligonu	cleotide)				

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:4:	
ATTGGCGA	GT GCCC	14
(2) INFO	RMATION FOR SEQ ID NO:5:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:5:	
ATTGGKGA	AGT GCCC	14
(2) INFO	RMATION FOR SEQ ID NO:6:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:6:	
ATTGGGGA	AGT GCCC	14
(2) INFO	DRMATION FOR SEQ ID NO:7:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:7:	
ATTGGTGA	AGT GCCC	14
(2) INFO	DRMATION FOR SEQ ID NO:8:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii)	) MOLECULE TYPE: DNA (oligonucleotide)	

1	
The first that	*******
Ų	1
į=	:
C.M. B.B.	1
Ļ	
3	
10 P	4
28	
=	4
٦	
D. S. State Britis Britis	-
ħ	4
j=	2
	,

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:8:				
ATTGGRGA	GT GCCC				14
(2) INFO	RMATION FOR SEQ ID NO:9:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:9:				
TAACCCCT	CA CGGGAGCA	·		:	18
(2) INFO	RMATION FOR SEQ ID NO:10:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:10:				
TAACCGCT	CA CGGGAGCA				18
(2) INFO	RMATION FOR SEQ ID NO:11:		• ••		
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:11:				
TAACCTCT	CA CGGGAGCA				18
(2) INFC	RMATION FOR SEQ ID NO:12:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
(;;)	MOLECULE TYPE: DNA (oligonucleotide)				

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:	
ATTA	ACCACT CACGGGAGCT CT	22
(2)	INFORMATION FOR SEQ ID NO:13:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:	
TGGT	TGNKYGC CCT	13
(2)	INFORMATION FOR SEQ ID NO:14:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	• .
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
TGG	TGAGCGC CCT	13
(2)	INFORMATION FOR SEQ ID NO:15:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
*	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
TGG'	TGCGCGC CCT	13
(2)	INFORMATION FOR SEQ ID NO:16:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

(ii) MOLECULE TYPE: DNA (oligonucleotide)	•		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:			
TGGTGGCCC CCT			13
(2) INFORMATION FOR SEQ ID NO:17:			
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			٠
(ii) MOLECULE TYPE: DNA (oligonucleotide)	*		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:17:			
TGGTGTGCGC CCT			13
(2) INFORMATION FOR SEQ ID NO:18:		- 10	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
(ii) MOLECULE TYPE: DNA (oligonucleotide)			
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:		•	
TGGTGATCGC CCT			13
(2) INFORMATION FOR SEQ ID NO:19:			
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
(ii) MOLECULE TYPE: DNA (oligonucleotide)		•	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:			
TGGTGCTCGC CCT			13
(2) INFORMATION FOR SEQ ID NO:20:			
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single			

•	(D) TOPOLOGY: linear		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:		
TGG:	IGGTCGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:21:		
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:		
TGG'	IGTTCGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:22:	·	
•	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	·	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:		
TGG'	TGAGTGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:23:		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:		
TGG	TGCGTGC CCT		13
(2)	INFORMATION FOR SEQ ID NO:24:		
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li></ul>		

		<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:24:		
TGG	rgctc	CGC CCT		13
(2)	INFO	RMATION FOR SEQ ID NO:25:		4
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		•
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:25:		• .
TGG	rgtgt	CGC CCT		13
(2)	INFO	RMATION FOR SEQ ID NO:26:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	
			•	
٠	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:26:		
TGG:	TGATT	CGC CCT		13
(2)	INFO	DRMATION FOR SEQ ID NO:27:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:27:		
TGG'	TGCTT	TGC CCT		13
(2)	TMEO	DEMATION FOR SEC ID NO.28.		

		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:28:	
	TGGT	GGTT	GC CCT	, 13
	(2)	INFO	RMATION FOR SEQ ID NO:29:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
•		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:29:	٠.
	TGGT	rgttt	GC CCT	13
	(2)	INFO	RMATION FOR SEQ ID NO:30:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
			*	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:30:	
	ATT	AACCA	CT CCCGGGAGCT CT	22
	(2)	INFO	RMATION FOR SEQ ID NO:31:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:31:	

(2) INFORMATION FOR SEQ ID NO:32:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 22 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	· · · · · · · · · · · · · · · · · · ·
	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:	•
ATTAACCACT CTCGGGAGCT CT	22
(2) INFORMATION FOR SEQ ID NO:33:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 13 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:	
TAATTNKYGA GTG	13
TAATTNKYGA GTG (2) INFORMATION FOR SEQ ID NO:34:	13
	13
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	13
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	13
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (oligonucleotide)	13
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (oligonucleotide)  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:	
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (oligonucleotide)  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:  AATTGNKRAG TGC	
(2) INFORMATION FOR SEQ ID NO:34:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear  (ii) MOLECULE TYPE: DNA (oligonucleotide)  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:  AATTGNKRAG TGC  (2) INFORMATION FOR SEQ ID NO:35:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:

	ATTGGNKRGT GCC	13
	(2) INFORMATION FOR SEQ ID NO:36:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	
	TTGGTNMRTG CCC	13
·	(2) INFORMATION FOR SEQ ID NO:37:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	
	GGTGANKRCC CTC	13
	(2) INFORMATION FOR SEQ ID NO:38:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	•
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
		•
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
	GTGAGNKYCC TCG	13
	(2) INFORMATION FOR SEQ ID NO:39:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLEGINE TYPE, DNA (oligopygloctide)	

rent, ette perin, at gan, omt, ann, ette perin, ette p

		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:39:	
	TGAG	TNMY	CT CGA	13
	(2)	INFO	RMATION FOR SEQ ID NO:40:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:40:	
	GAG'	rgnmy"	TC GAG	13
	(2)	INFO	RMATION FOR SEQ ID NO:41:	
•		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:41:	
	AGT	GCNMY	CG AGA	13
	(2)	INFO	RMATION FOR SEQ ID NO:42:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:42:	
	ATTI	NKYGA	GT GCC	13
	(2)	INFO	RMATION FOR SEQ ID NO:43:	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:43:			
ATTGNKRA	GT GCC			13
(2) INFO	RMATION FOR SEQ ID NO:44:			
. (i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:44:	•	•	
ATTGGNKR	GT GCC			13
(2) INFO	RMATION FOR SEQ ID NO:45:		. •	-
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		. *	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:45:			•
ATTRGTNM	GT GCC			13
(2) INFO	RMATION FOR SEQ ID NO:46:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		•	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		•	
5.	•			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:46:			
ATTKRTGN	GT GCC			13
(2) INFO	RMATION FOR SEQ ID NO:47:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECITLE TYPE: DNA (oligopucleotide)			

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:	
TAAC	CACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:48:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:	
TAA	CCACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:49:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 18 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:	
TAA	ACACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:50:	
. * .	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:	
TAA	CGACTCA CGGGAGCA	18
(2)	INFORMATION FOR SEQ ID NO:51:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 18 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

•	(11)	MOLECULE TYPE: DNA (Oligonacieotide)			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:51:			
TAAC	CTACTO	A CGGGAGCA			18
	•	MATION FOR SEQ ID NO:52:			
, - ,	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		• .	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:52:	· .		
TAA	CAACTO	CA CGGGAGCA			18
(2)	INFO	RMATION FOR SEQ ID NO:53:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
		MOLECULE TYPE: DNA (oligonucleotide)			
•		SEQUENCE DESCRIPTION: SEQ ID NO:53:		•	18
	•	CA CGGGAGCA			18
(2)		RMATION FOR SEQ ID NO:54:		•	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:54:			
TAA	CCATT	CA CGGGAGCA			18
(2)	INFO	RMATION FOR SEQ ID NO:55:			
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 18 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single			

(D) TOPOLOGY: linear

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 10 base pairs

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (oligonucleotide)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:

(2) INFORMATION FOR SEQ ID NO:60:

CACGGGAGCA

(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:60:		
ATTGNTNA	GT GCCC		14
(2) INFO	RMATION FOR SEQ ID NO:61:	•	
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	.*	,
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
ATTGNANA	SEQUENCE DESCRIPTION: SEQ ID NO:61:  AGT GCCC  DRMATION FOR SEQ ID NO:62:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		14
(11)	MOLECULE TIPE: DNA (OTIGONACIEUCIAE)		
(xi	SEQUENCE DESCRIPTION: SEQ ID NO:62:		
ATTGRYR	HGT GCCC		14
(2) INF	DRMATION FOR SEQ ID NO:63:		

GCTCCCCGAT

	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:63:		
ATTO	KWKV	GT GCCC		14
(2)	INFO	RMATION FOR SEQ ID NO:64:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:64:		
ATT	GDHSM	GT GCCC		14
(2)	INFO	RMATION FOR SEQ ID NO:65:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		,
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(vi)	SEQUENCE DESCRIPTION: SEQ ID NO:65:		
TOO		BAG GAATCATCTG TTA	:	23
		DRMATION FOR SEQ ID NO:66:		
(2)		SEQUENCE CHARACTERISTICS:	•	
	(1)	(A) LENGTH: 10 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	, ,	a croveryon production and in No.66.		

(2	) INFO	RMATION FOR SEQ ID NO:67:	•			
	(i) 	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 10 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			•	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:67:			·	
GC	CACCCCG.	AT				10
(2	2) INFO	RMATION FOR SEQ ID NO:68:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 10 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
-		SEQUENCE DESCRIPTION: SEQ ID NO:68:	·		*	10
G	CCCCCG	AT		-		10
(2	2) INFO	RMATION FOR SEQ ID NO:69:				
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 10 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			æ	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:69:				
G	CGCCCCG	EAT				10
(	2) INFC	RMATION FOR SEQ ID NO:70:				
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
	(vi)	SPOTTENCE DESCRIPTION: SEO ID NO:70:				

1	AGT	ACCAG	AT CTCTAA		16
	(2)	INFO	RMATION FOR SEQ ID NO:71:		
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 12 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		*			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:71:		
. (	CATO	GONCA	GA GA		12
	(2)	INFO	RMATION FOR SEQ ID NO:72:		,
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 28 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
•					
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:72:		
7	CTC	CCTTG	GA TATACTTGTG TGAATCAA		28
	(2)	INFO	RMATION FOR SEQ ID NO:73:		
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 26 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	· .
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:73:		
•	rca(	CCAGA	TT TCGTAGTCTT TTCATA		26
	(2)	INFO	RMATION FOR SEQ ID NO:74:		
		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:74:	
GTCTTGTG	TT GAAATTCTCA GGGTAT	26
(2) INFO	RMATION FOR SEQ ID NO:75:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:75:	
CTTGTACC	AG CTCACTACCT AAT	23
(2) INFO	RMATION FOR SEQ ID NO:76:	•
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:76:	
ACCTGAGA	AG ATAGTAAGCT AGATGAA	27
(2) INFO	RMATION FOR SEQ ID NO:77:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:77:	
AACTCCGC	CT TTCCAGTTGT AT	22
(2) INFO	RMATION FOR SEQ ID NO:78:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:78:				
TTAC	GTTTC'	IA GGGGTGGAAG ATACA				25
(2)	INFO	RMATION FOR SEQ ID NO:79:				
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
			*			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:79:				
TTA	ATGAC	AC TGAAGATCAC TGTTCTAT				28
(2)	INFO	RMATION FOR SEQ ID NO:80:	•	•		
•	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	· V		· .	
•		(D) TOPOLOGY: linear				
	(11)	MOLECULE TYPE: DNA (oligonucleotide)	•			
	(			•	•	
		SEQUENCE DESCRIPTION: SEQ ID NO:80:				
		TT GCAAAGTTCA TTAGA				25
(2)		RMATION FOR SEQ ID NO:81:				
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				<del>-</del>
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:81:				
TCA	TGGGC	CA TGTGCTTTTC AA				22
(2)	INFO	RMATION FOR SEQ ID NO:82:				
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 24 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				
	(33)	MOLECULE TYPE: DNA (oligopuslectide)				

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:	
ACCTTCCAGC ACTACAAACT AGAA	24
(2) INFORMATION FOR SEQ ID NO:83:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 23 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:	
CAAGTGAATC CTGAGCGTGA TTT	23
(2) INFORMATION FOR SEQ ID NO:84:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 26 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:	
GGTAGTGTGA AGGGTTCATA TGCATA	26
(2) INFORMATION FOR SEQ ID NO:85:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:	
GATTACATTA GAAGGAAGAT GTGCCTTT	28
(2) INFORMATION FOR SEQ ID NO:86:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 28 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	

	(11)	MOLECULE TYPE: DNA (Oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:86:	
ACAT	rgaat	GA CATTTACAGC AAATGCTT	28
(2)	INFO	RMATION FOR SEQ ID NO:87:	
, - ,		SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:87:	
GTG	ACCAT	AT TGTAATGCAT GTAGTGA	27
(2)	INFO	RMATION FOR SEQ ID NO:88:	`
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 27 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:88:	
ATG	STGAA	CA TATTTCTCAA GAGGTAA	27
(2)	INFO	RMATION FOR SEQ ID NO:89:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	:
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:89:	
TGT	CTCTG	TA AACTGATGGC TAACA	25
(2)	INFO	RMATION FOR SEQ ID NO:90:	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 26 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

	(b) TOPOLOGI: Tillear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:	
TCGT	ATAGAG TTGATTGGAT TGAGAA	26
(2)	INFORMATION FOR SEQ ID NO:91:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 28 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
•	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:	
CCAT	TAACTT AATGTGGTCT CATCACAA	28
(2)	INFORMATION FOR SEQ ID NO:92:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 26 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
•	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:	٠
CTA	CATAAT GCTTGGGAGA AATGAA	26
(2)	INFORMATION FOR SEQ ID NO:93:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 24 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
-	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:	
TCA	AAGAATG GCACCAGTGT GAAA	24
(2)	INFORMATION FOR SEQ ID NO:94:	
	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs	

	<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	<u>.</u> )		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:94:		•	
TG	CTTAGCTA AAGTTAATGA GTTCAT			26
(2)	) INFORMATION FOR SEQ ID NO:95:			
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 27 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	<b>)</b>		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:95:	:		
AA'	TTGTGAAA TTGTCTGCCA TTCTTAA	· •		27
(2	) INFORMATION FOR SEQ ID NO:96:	· .		
. •	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	e) .		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:96:	: :		
GA'	TTCACTTA CTGAACACAG TCTAACAA			28
	) INFORMATION FOR SEQ ID NO:97:	•		
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 21 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
	(ii) MOLECULE TYPE: DNA (oligonucleotide	e)		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:97	:		
AG	GCTTCTCA GTGATCTGTT G			21
(2	) INFORMATION FOR SEQ ID NO:98:			

GGGACTCCAA ATATTGCTGT AGTAT

(=)	(A) LENGTH: 23 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	·		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:98:	•		
GAATCATTC	A GTGGGTATAA GCA			23
(2) INFOR	MATION FOR SEQ ID NO:99:			
	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
				,
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:99:			
GCCATGGTA	C CTATATGTCA CAGAA			25
(2) INFOR	MATION FOR SEQ ID NO:100:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	•	·	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:100:			
TGCAGAGTA	A TATGAATTTC TTGAGTACA			29
(2) INFOR	MATION FOR SEQ ID NO:101:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 25 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:101:	:		

(2)	INFORMATION FOR SEQ ID NO:102:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102	:
GTA	CCTGTTG CTCCAGGTAT GTT	23
(2)	INFORMATION FOR SEQ ID NO:103:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide	) · · · · · · · · · · · · · · · · · · ·
•	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:103	<b>:</b> .
TTT	ATANTAG AAACC	15
(2)	INFORMATION FOR SEQ ID NO:104:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:104	:
TTA	TAGNAGA AACCA	15
(2)	INFORMATION FOR SEQ ID NO:105:	
o.	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide	)
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105	<b>:</b>

TAT	'AGTNGAA ACCAC	15
(2)	INFORMATION FOR SEQ ID NO:106:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:106:	
ATA	GTANAAA CCACA	15
(2)	INFORMATION FOR SEQ ID NO:107:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:107:	
TAG	TAGNAAC CACAA	15
(2)	INFORMATION FOR SEQ ID NO:108:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:108:	
AGT	PAGANACC ACAAA	15
(2)	INFORMATION FOR SEQ ID NO:109:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:109:		
GTA	GAANC	CA CAAAG		15
(2)	INFO	RMATION FOR SEQ ID NO:110:		
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		:
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	,	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:110:	· ·.	
TAG	AAANC	AC AAAGG		15
(2)	INFO	RMATION FOR SEQ ID NO:111:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:111:	• , .	
AGA	AACNA	CA AAGAA		15
(2)	INFO	RMATION FOR SEQ ID NO:112:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 39 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		SEQUENCE DESCRIPTION: SEQ ID NO:112:		
		AA AATATCATCT TTGGTGTTTC CTATGATGA		39
(2)		RMATION FOR SEQ ID NO:113:		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 36 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:113:		
CATTAAAG	AA AATATCATTG GTGTTTCCTA TGATGA		36
(2) INFO	RMATION FOR SEQ ID NO:114:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:114:		
AACACCAA	TG ATGAT		15
(2) INFO	RMATION FOR SEQ ID NO:115:		
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:115:	The second secon	
CCTTCAGA	GG GTAAAATTAA G		21
(2) INFO	RMATION FOR SEQ ID NO:116:		
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 21 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:116:		
CCTTCAGA	GT GTAAAATTAA G		21
(2) INFO	RMATION FOR SEQ ID NO:117:	•	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
	MOLEGIE EWDE DNA (maimous)	•	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:117:	
TAAT	PACGACT CACTATAGGG AGATGACCTA ATAATGATGG GTTT	44
(2)	INFORMATION FOR SEQ ID NO:118:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 43 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (primer)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:118:	
TAAT	PACGACT CACTATAGGG AGTAGTGTGA AGGGTTCATA TGC	43
(2)	INFORMATION FOR SEQ ID NO:119:	
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 45 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (primer)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:119:	
CTCC	GAATTA ACCCTCACTA AAGGTAGTGT GAAGGGTTCA TATGC	45
		40
	INFORMATION FOR SEQ ID NO:120:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 43 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (primer)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:120:	
TAAT	PACGACT CACTATAGGG AGAGCATACT AAAAGTGACT CTC	43
(2)	INFORMATION FOR SEQ ID NO:121:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	

(ii)	MOLECULE TYPE: DNA (primer)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:121:	
	CT CACTATAGGG AGACATGAAT GACATTTACA GCAA	44
	RMATION FOR SEQ ID NO:122:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 44 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (primer)	
•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:122:	
CGGAATTA	AC CCTCACTAAA GGACATGAAT GACATTTACA GCAA	44
(2) INFO	RMATION FOR SEQ ID NO:123:	
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 base pairs (B) TYPE: nucleic acid	
	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
( <b>ii</b> )	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:123:	
TCGGATCG.		12
		12
(2) INFO	RMATION FOR SEQ ID NO:124:	,
. (i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:124:	
CGGAATTA	AC CCTCACTAAA GG	22
(2) INFO	RMATION FOR SEQ ID NO:125:	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 22 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:	
AATTAACCCT CACTAAAGGG AG	22
(2) INFORMATION FOR SEQ ID NO:126:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 22 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:	
TAATACGACT CACTATAGGG AG	22
(2) INFORMATION FOR SEQ ID NO:127:	•
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:	
ATTTAGGTGA CACTATAGAA	20
(2) INFORMATION FOR SEQ ID NO:128:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:128:	
CTTTTTATTC TTTTGYAGAG AATGGGATAG A	31
(2) INFORMATION FOR SEQ ID NO:129:	
(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs	

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:129:		
TAATGCCCTT CGGCRATGTT TTTTCTGGA	•	29
	•	23
•		
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 33 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii) MOLECULE TYPE: DNA (oligonucleotide)	*	٠.
	* * * * * * * * * * * * * * * * * * * *	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:130:		:
ATTCTTTTGC AGAGATGGGA TAGAGAGCTG GCT		33
(2) INFORMATION FOR SEQ ID NO:131:	F.,	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 28 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
(ii) MOLECULE TYPE: DNA (oligonucleotide)	*	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:131:		
GAATGGGATA GAKAGCTGGC TTCAAAGA		28
(2) INFORMATION FOR SEQ ID NO:132:	·	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 30 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	·	
(ii) MOLECULE TYPE: DNA (oligonucleotide)		
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:132:		
CTATGGAATC TTTTYATATT TAGGGGTAAG		30
(2) INFORMATION FOR SEQ ID NO:133:		

	(A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii) MOLECULE TYPE: DNA (oligonucleotide)			
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:133:			
	GTTCTA TGRAATCTTT TTATATTTAG	•		30
				30
(2) .	INFORMATION FOR SEQ ID NO:134:		•	1
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		·	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	•		•
		*		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:134:			
	AGGAGG AACRCTCTAT CGCGATTTAT	÷		. 30
	INFORMATION FOR SEQ ID NO:135:			
(= / -	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii) MOLECULE TYPE: DNA (oligonucleotide)		-00	
•	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:135:			
AACA	AGGAGG AAYGCTCTAT CGCGATTTAT			30
(2)	INFORMATION FOR SEQ ID NO:136:			
	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>			
•	(ii) MOLECULE TYPE: DNA (oligonucleotide)			
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:136:			

TATCGCGATT TAWCTAGGCA TAGGCTTATG

(2) INFORMAT	TION FOR SEQ ID NO:137:	
( <i>)</i> (E (C	QUENCE CHARACTERISTICS:  A) LENGTH: 30 base pairs  B) TYPE: nucleic acid  C) STRANDEDNESS: single  D) TOPOLOGY: linear	
(ii) MOI	LECULE TYPE: DNA (oligonucleotide)	
(xi) SEÇ	QUENCE DESCRIPTION: SEQ ID NO:137:	
GGCCTTCATC A	ACAYTGGAAT GCAGATGAGA	30
(2) INFORMAT	TION FOR SEQ ID NO:138:	
(A (E (C	QUENCE CHARACTERISTICS:  A) LENGTH: 30 base pairs  B) TYPE: nucleic acid  C) STRANDEDNESS: single  D) TOPOLOGY: linear	
(ii) MOL	LECULE TYPE: DNA (oligonucleotide)	
(xi) SEÇ	QUENCE DESCRIPTION: SEQ ID NO:138:	
GATTTATAAG A	AAGKTAATAC TTCCTTGCAC	30
(2) INFORMAT	TION FOR SEQ ID NO:139:	·
( <i>)</i> (E (C	QUENCE CHARACTERISTICS:  A) LENGTH: 30 base pairs  B) TYPE: nucleic acid  C) STRANDEDNESS: single  D) TOPOLOGY: linear	
(ii) MOL	LECULE TYPE: DNA (oligonucleotide)	
(xi) SEQ	QUENCE DESCRIPTION: SEQ ID NO:139:	
CAAATTTGAT G	SAAKTATGTA CCTATTGATT	30
(2) INFORMAT	FION FOR SEQ ID NO:140:	<i>:</i>
( ) ( E ( )	QUENCE CHARACTERISTICS: A) LENGTH: 30 base pairs B) TYPE: nucleic acid C) STRANDEDNESS: single D) TOPOLOGY: linear	
(ii) MOL	LECULE TYPE: DNA (oligonucleotide)	
	•	
(vi) SEC	DIENCE DESCRIPTION, SEC ID NO.140.	·

TGG	ATCGCT	C CTTKGCAAGT GGCACTCCTC			30
(2)	INFOR	MATION FOR SEQ ID NO:141:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 33 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:141:			
AAT	CATCCI	C CGGAAAGATA TTCACCACCA TCT		•	33
(2)	INFOR	MATION FOR SEQ ID NO:142:	* *		
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		*	
			·		
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:142:		,	
TAT'	TCACCA	AC CATCTCTCAT TCTGCATTGT T			31
(2)	INFOR	RMATION FOR SEQ ID NO:143:		•	
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	•				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:143:			
CCA	CCATCI	C ATTCTGATTG TTCTGCGCAT GG		,	32
(2)	INFOR	RMATION FOR SEQ ID NO:144:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:144:			
AAGGAATC	AT CCTCYGGAAA ATATTCATTA			30
(2) INFO	RMATION FOR SEQ ID NO:145:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii).	MOLECULE TYPE: DNA (oligonucleotide)	·	. :	ů.
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:145:			
CTGCATTG	TT CTGCRCATGG CGGTCACTCG			30
(2) INFO	RMATION FOR SEQ ID NO:146:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			• .
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:146:	*		
CTGCATTG'	TT CTGCKCATGG CGGTCACTCG			30
(2) INFO	RMATION FOR SEQ ID NO:147:		*	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:147:			
CTGCATTG'	TT CTGCSCATGG CGGTCACTCG			30
(2) INFO	RMATION FOR SEQ ID NO:148:			,
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			-
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:148:		
CTTCTTCT	CA GGGTTCTTGT GGTGTTTTTA TC		32
(2) INFO	RMATION FOR SEQ ID NO:149:	•	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		÷
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:149:		,
AAACAAAA	TA CAGRTAATGT ACCATAATG		29
(2) INFO	RMATION FOR SEQ ID NO:150:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:150:		
AGGACAGT	TG TTGGMGGTTG CTGGATCCA	•	29
(2) INFO	RMATION FOR SEQ ID NO:151:	* *	
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:151:		
GGAGCCTT	CA GAGKGTAAAA TTAAGCACA		29
(2) INFO	ORMATION FOR SEQ ID NO:152:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 29 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(;;)	MOI ECHI E TYPE, DNA (oligopuslootido)	•	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:152:	
TCATTCTGTT CTYAGTTTTC CTGGATTAT	29
(2) INFORMATION FOR SEQ ID NO:153:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:153:	
ATTAAAGAAA ATATCTTTGG TGTTTCCTAT G	31
(2) INFORMATION FOR SEQ ID NO:154:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:154:	
TAAAGAAAAT ATCATCTKTG GTGTTTCCTA	30
(2) INFORMATION FOR SEQ ID NO:155:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:155:	
ATTAAAGAAA ATATCATTGG TGTTTCCTAT G	31
(2) INFORMATION FOR SEQ ID NO:156:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 29 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	

(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:156:	
TAGATACAGA AGCKTCATCA AAGCATGCC	29
(2) INFORMATION FOR SEQ ID NO:157:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 30 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	•
	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:157:	
TATTTTTGGT AATARGACAT CTCCAAGTTT	30
(2) INFORMATION FOR SEQ ID NO:158:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 28 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:158:	•
ACAATATAGT TCTTKGAGAA GGTGGAAT	28
(2) INFORMATION FOR SEQ ID NO:159:	·
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 30 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:159:	
AGGTGGAATC ACACTGARTG GAGGTCAACG	30
(2) INFORMATION FOR SEQ ID NO:160:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single	

	(b) Torobodi. Tinear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		·	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:160:			·
AGGTGGAA	TC ACACTGAKTG GAGGTCAACG			30
(2) INFO	RMATION FOR SEQ ID NO:161:			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	*	•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:161:			
AGGTGGAA	TC ACACTGMGTG GAGGTCAACG			30
(2) INFO	RMATION FOR SEQ ID NO:162:			• .
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			·
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(vi)	SEQUENCE DESCRIPTION: SEQ ID NO:162:			
·	TC ACACTGAGKG GAGGTCAACG		•	30
*				30
	RMATION FOR SEQ ID NO:163:  SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:163:			
ATCACACT	GA GTGGAGRTCA ACGAGCAAGA			30
(2) INFO	RMATION FOR SEQ ID NO:164:			
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 base pairs			

	<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:164:	
ATCA	ACACTGA GTGGARGTCA ACGAGCAAGA	 30
(2)	INFORMATION FOR SEQ ID NO:165:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 30 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	•	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:165:	
ACAC	TGAGTG GAGGTYAACG AGCAAGAATT	30
(2)	INFORMATION FOR SEQ ID NO:166:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 29 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	•
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(with appropriate programmer) and the volume	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:166:	
	FTGGAGG TCAACRAGCA AGAATTTCT	29
(2)	INFORMATION FOR SEQ ID NO:167:	
	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 31 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:167:	
TGAG	STGGAGG TCAAYGAGCA AGAATTTCTT T	31
(2)	INFORMATION FOR SEQ ID NO:168:	

	(i)	(A) (B) (C)	ENCE CH LENGTH TYPE: : STRAND TOPOLO	: 29 ba nucleio EDNESS:	se pair c acid : single	rs					
	(ii)	MOLE	CULE TY	PE: DNA	A (oligo	onucle	otide)		٠		
	(xi)	SEQU	ENCE DE	SCRIPT:	ION: SE	Q ID N	0:168:				
GCA	AGAAT	TT CT	TTARCAA	G GTGA	ATAAC						29
(2)	INFO	RMATI	ON FOR	SEQ ID	NO:169	:					
	(i)	(A) (B) (C)	ENCE CH LENGTH TYPE: STRAND TOPOLO	: 27 ba nucleio EDNESS	ase pai: c acid : single	rs					
	(ii)	MOLE	CULE TY	PE: DN	A (oligo	onucle	otide)	•			
			ENCE DE			Ö ID I	10:169:				
		· · · ·	AASGTGA	•		. •					27
(2)	INFO	RMATI	ON FOR	SEQ ID	NO:170	:	4				
	(i)	(A) (B) (C)	ENCE CH LENGTH TYPE: STRAND TOPOLO	: 28 ba nucleio EDNESS	ase pai: c acid : single	rs		·		,	
	(ii)	MOLE	CULE TY	PE: DN	A (olig	onucle	eotide)		٠.		
	(xi)	SEQU	ENCE DE	SCRIPT:	ION: SE	Q ID 1	10:170:			•	
GAA'	TTTCT	TT AG	CAARGTG	A ATAA	CTAA						28
(2)	INFO	RMATI	ON FOR	SEQ ID	NO:171	:					
	(i)	(A) (B) (C)	JENCE CH LENGTH TYPE: STRAND TOPOLO	: 29 banuclei EDNESS	ase pai c acid : singl	rs					
	(ii)	MOLE	CULE TY	PE: DN	A (olig	onucle	eotide)				
	/ \	OHOT:	TENCE DE	CCDIDE	TON	0 TD 1	10 . 1 7 1 .				

GAAATATTTG AAAGRTATGT TCTTTGAAT

	(2)	INFO	RMATION FOR SEQ ID NO:172:		
	÷	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:172:		
	AAC'	TCATG	GG ATGTGWTTCT TTCGACCAAT	•	30
	(2)	INFO	RMATION FOR SEQ ID NO:173:		
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		•	•	O. Contract of the contract of	
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:173:		
	GAC.	AGAAA	CA AAAAACAATC TTTTAAACAG AC		32
	(2)	INFO	RMATION FOR SEQ ID NO:174:	•	
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 34 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:174:		
	GAC	AGAAA	CA AAAAAACAA TCTTTTAAAC AGAC		34
	(2)	INFO	RMATION FOR SEQ ID NO:175:		
-		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:175:		

CTCCTTGGAA AGTGARTATT CCATGTCCTA

30

(ii) MOLECULE TYPE: DNA (oligonucleotide)

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:179:		
TTACTTTC	AA ACTCYGTTCC ACAAAGCTC		29
(2) INFO	RMATION FOR SEQ ID NO:180:		
<b>(i)</b>	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:180:		
CCAACTG	TT CTTGTAMCTG TCAACACTGC G		31
(2) INFO	ORMATION FOR SEQ ID NO:181:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 31 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)	*	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:181:		
TGCGCTGC	ETT CCAAAWGAGA ATAGAAATGA T		31
(2) INFO	DRMATION FOR SEQ ID NO:182:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:182:	:	
ATGCGAT	CTG TGAGCYGAGT CTTTAAGTTC		30
(2) INFO	DRMATION FOR SEQ ID NO:183:		
(i	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 32 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(11)	MOLECULE TYPE: DNA (oligonucleotide)		

		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:183:	
	AAGG	STAAACC TACAAGTCAA CCAAACCATA CA	32
	(2)	INFORMATION FOR SEQ ID NO:184:	
		<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 29 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	.•
		(ii) MOLECULE TYPE: DNA (oligonucleotide)	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:184:	•
٠.	TCCT	TGGCCAG AGGGTGRGAT TTGAACACT	29
	(2)	INFORMATION FOR SEQ ID NO:185:	
		<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
		(ii) MOLECULE TYPE: DNA (oligonucleotide)	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:185:	
	ATAA	AAATGGY GAGTAAGACA	20
	(2)	INFORMATION FOR SEQ ID NO:186:	
		<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
		(ii) MOLECULE TYPE: DNA (oligonucleotide)	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:186:	
	AATA	AACTTTG CAACAGYGGA GGAAAGCCTT T	31
	(2)	INFORMATION FOR SEQ ID NO:187:	
		<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 31 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
		(ii) MOLECITE TYPE: DNA (oligopus)ectide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:187:	
AATAACTTTG CAACAGTGRA GGAAAGCCTT T	31
(2) INFORMATION FOR SEQ ID NO:188:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 34 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:188:	
CTTTGTTATC AGCTTTTTG AGACTACTGA ACAC	34
(2) INFORMATION FOR SEQ ID NO:189:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 29 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	•
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:189:	
AGTGATACCA CAGRTGAGCA AAAGGACTT	29
(2) INFORMATION FOR SEQ ID NO:190:	•
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:190:	
CATTTAGAAA AAASTTGGAT CCCTATGAAC	30
(2) INFORMATION FOR SEQ ID NO:191:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 30 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	

	(11)	MODECODE TIPE:	DNA (OTIGOD	ucieocide)	,		
	(xi)	SEQUENCE DESCRI	PTION: SEQ	ID NO:191:			
CATT	TAGA	A AMACTTGGAT CC	CTATGAAC			•	30
(2)	INFO	MATION FOR SEQ	ID NO:192:				•
	(i)	SEQUENCE CHARAC (A) LENGTH: 16 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	base pairs eic acid SS: single	· •			
:	(ii)	MOLECULE TYPE:	DNA (oligon	ucleotide)	·		
			·				
	(xi)	SEQUENCE DESCRI	PTION: SEQ	ID NO:192:			
ACTO	STTAG(	T AATTGG		•			16
(2)	INFO	MATION FOR SEQ	ID NO:193:	,			
<b>\-</b> /		SEQUENCE CHARAC (A) LENGTH: 16 (B) TYPE: nucl (C) STRANDEDNE (D) TOPOLOGY:	TERISTICS: base pairs eic acid SS: single	<b>.</b>			
	(ii)	MOLECULE TYPE:	DNA (oligor	ucleotide)			
	(xi)	SEQUENCE DESCRI	PTION: SEQ	ID NO:193:			
GGGG	CAATC	GA GGGGGG				·	16
(2)	INFO	MATION FOR SEQ	ID NO:194:				
	(i)	SEQUENCE CHARAC  (A) LENGTH: 26  (B) TYPE: nucl  (C) STRANDEDNE  (D) TOPOLOGY:	base pairs eic acid SS: single				
	(ii)	MOLECULE TYPE:	DNA (oligor	nucleotide)			
	(xi)	SEQUENCE DESCRI	PTION: SEQ	ID NO:194:			
AAA	GAAAA	AA GACAGTACTA AA	TGGA				26
(2)	INFO	RMATION FOR SEQ	ID NO:195:				
•	(i)	SEQUENCE CHARAC  (A) LENGTH: 13  (B) TYPE: nucl	base pairs eic acid	5			

(D) TOPOLOGY: linear

(i	i) MOLECULE TYPE: DNA (probe)	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:195:	
TACTGT	ATTT TTT	13
(2) IN	FORMATION FOR SEQ ID NO:196:	
(	i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	i) MOLECULE TYPE: DNA (probe)	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:196:	,
TACTGT	CTTT TTT	13
(2) IN	FORMATION FOR SEQ ID NO:197:	
. (	i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	i) MOLECULE TYPE: DNA (probe)	
		2
(×	i) SEQUENCE DESCRIPTION: SEQ ID NO:197:	
TACTGT	GTTT TTT	13
(2) IN	FORMATION FOR SEQ ID NO:198:	
	i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(i	i) MOLECULE TYPE: DNA (probe)	
(x	i) SEQUENCE DESCRIPTION: SEQ ID NO:198:	
TACTGI	TTTT TTT	13
(2) IN	FORMATION FOR SEQ ID NO:199:	
(	i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs	

<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:199:	
GTACTGACTT TTT	13
(2) INFORMATION FOR SEQ ID NO:200:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	·
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:200:	
GTACTGCCTT TTT	13
(2) INFORMATION FOR SEQ ID NO:201:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:201:	
GTACTGGCTT TTT	13
(2) INFORMATION FOR SEQ ID NO:202:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 13 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:202:	
GTACTGTCTT TTT	13
(2) INFORMATION FOR SEQ ID NO:203:	

	(A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (probe)	·			
(xi)	SEQUENCE DESCRIPTION: SEQ II	O NO:203:			
AGTACTAT	CT TTT				13
(2) INFO	RMATION FOR SEQ ID NO:204:				
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		·		
(ii)	MOLECULE TYPE: DNA (probe)				-
(xi)	SEQUENCE DESCRIPTION: SEQ II	NO:204:		÷	
AGTACTCT	CT TTT				13
(2) INFO	RMATION FOR SEQ ID NO:205:	*			
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (probe)				
				•	
(xi)	SEQUENCE DESCRIPTION: SEQ II	D NO:205:			
AGTACTGT	CT TTT				13
(2) INFO	RMATION FOR SEQ ID NO:206:	•			
(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 13 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear				
(ii)	MOLECULE TYPE: DNA (probe)				
(xi)	SEQUENCE DESCRIPTION: SEQ I	D NO:206:			

	(2)	INFO	RMATION FOR SEQ ID NO:207:			
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 11 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:207:			
	GGG	NCCCT	TA A		٠	11
	(2)	INFO	RMATION FOR SEQ ID NO:208:	•		
•		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 16 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:208:			
	TAA	AGTAA	GA CATAAC			16
	(2)	INFO	RMATION FOR SEQ ID NO:209:	·		
		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 16 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	÷		
•		(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:209:			
	GGC'	TGACG	TC AGCAAT			16
	(2)	INFO	RMATION FOR SEQ ID NO:210:		•	-
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 15 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
		(ii)	MOLECULE TYPE: DNA (probe)			
		(xi)	SECUENCE DESCRIPTION: SEC ID NO.210.			

TTGCTGACAT CAGCC	15
(2) INFORMATION FOR SEQ ID NO:211:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
	•
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:211:	
TTGCTGACCT CAGCC	15
(2) INFORMATION FOR SEQ ID NO:212:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	,
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:212:	
TTGCTGACGT CAGCC	. 15
(2) INFORMATION FOR SEQ ID NO:213:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 15 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:213:	
TTGCTGACTT CAGCC	15
(2) INFORMATION FOR SEQ ID NO:214:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 12 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:	
ATTCCCGGGA TC	12
(2) INFORMATION FOR SEQ ID NO:215:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:	
AGGTCAACGA GCAA	14
(2) INFORMATION FOR SEQ ID NO:216:	
(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:216:	
AGGTCAATGA GCAA	14
(2) INFORMATION FOR SEQ ID NO:217:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:217:	
GTAATTTCTT TTATAGTAGA AACCACAAAG GATAC	35
(2) INFORMATION FOR SEQ ID NO:218:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligopuoleotide)	

		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:218:					
	CATT	raaag:	AA AATATCATCT TTGGTGTTTC CTATG					35
	(2)	INFO	RMATION FOR SEQ ID NO:219:					
		(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear					
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)					
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:219:					
	CAT	[AAAG	AA AATATCATTG GTGTTTCCTA TG	·				32
	(2)	INFO	RMATION FOR SEQ ID NO:220:					
			SEQUENCE CHARACTERISTICS:  (A) LENGTH: 18 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					٠.
		(ii)	MOLECULE TYPE: DNA (probe)					 , ,
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:220:				-	
	CAT	: FAAAG.	AA AATATCAT					18
	(2)	INFO	RMATION FOR SEQ ID NO:221:		•	Ÿ		
,		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 35 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					
		(ii)	MOLECULE TYPE: DNA (oligonucleotide)					
		(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:221:					
	TAT'	TAAAG	AA AATATCATCT TTGGTGTTTC CTATC					35
	(2)	INFO	RMATION FOR SEQ ID NO:222:					
		(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 35 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					
		(ii)	MOLECULE TYPE: DNA (oligopucleotide)					

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:222:	
CCTTAAAGAA AATATCATCT TTGGTGTTTC CTAAA	35
(2) INFORMATION FOR SEQ ID NO:223:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucletide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:223:	
CTTTAAAGAA AATAAAAAAA TTGGTGTTTC CTAAA	35
(2) INFORMATION FOR SEQ ID NO:224:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
<ul><li>(ii) MOLECULE TYPE: DNA (probe)</li><li>(xi) SEQUENCE DESCRIPTION: SEQ ID NO:224:</li></ul>	
GGAAGTCTCC CATTTTAATT	20
(2) INFORMATION FOR SEQ ID NO:225:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:225:	
CCTTCAGAGG GTAAAATTAA	20
(2) INFORMATION FOR SEQ ID NO:226:	
<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	

(ii) MOLECULE TYPE: DNA (probe)

	•		
(xi)	SEQUENCE DESCRIPTION: SEQ ID	NO:226:	
CCTTCAGAC	SK GTAAAATTAA		20
(2) INFO	RMATION FOR SEQ ID NO:227:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 20 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (probe)		
(xi)	SEQUENCE DESCRIPTION: SEQ II	) NO:227:	
CCTTCAGA	GT GTAAATTAA		20
(2) INFO	RMATION FOR SEQ ID NO:228:		· .
(i) <sub>.</sub>	SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (probe)		
(xi)	SEQUENCE DESCRIPTION: SEQ II	O NO:228:	
CCTTCAGA	GG GTAAAATCA		19
(2) INFO	RMATION FOR SEQ ID NO:229:		
· (i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (probe)		
(xi)	SEQUENCE DESCRIPTION: SEQ I	D NO:229:	
GATTCAGA	GT GTAAAATAC		19
(2) INFO	RMATION FOR SEQ ID NO:230:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single		

(D) TOPOLOGY: Timear	
(ii) MOLECULE TYPE: DNA (probe)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:230:	
AAAAAAGAGT GTAAAATGA	19
(2) INFORMATION FOR SEQ ID NO:231:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (probe)	
	·
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:231:	
GTAATTTCTT TTATAGTAGA AACCACAAAG GATAC	35
(2) INFORMATION FOR SEQ ID NO:232:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 35 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:232:	
CATTAAAGAA AATAACATCA TTGGTGTTTC CTATG	35
(2) INFORMATION FOR SEQ ID NO:233:	
<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
(ii) MOLECULE TYPE: DNA (oligonucleotide)	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:233:	
TGAGTGGAGG TCAACGAGCA AGA	23
(2) INFORMATION FOR SEQ ID NO:234:	
(i) SEQUENCE CHARACTERISTICS:	

(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

	(ii)	MOLECULE TYPE: DNA (oligonucleotide)						
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:234:						
TGAG	TGGA	GG TCAATGAGCA AGA						23
(2)	INFO	RMATION FOR SEQ ID NO:235:						
·	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear						
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)						
		*						
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:235:						
GTG	SAGGT	CA ACGA						14
(2)	INFO	RMATION FOR SEQ ID NO:236:						
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear						
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	••					
				•				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:236:						
GTG	GAGAT	CA ACGT			٠			14
(2)	INFO	RMATION FOR SEQ ID NO:237:						
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear						•
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)						
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:237:						
TCA	GAGGG	TA AAAT						14
(2)	INFO	RMATION FOR SEQ ID NO:238:						

TAGTTCTTGG AGAAGGT

	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	( i )	CROWNING DESCRIPTION CEO ID NO. 220		•	
		SEQUENCE DESCRIPTION: SEQ ID NO:238:	-		1.4
	•	TA AAAT			14
(2)	INFO	RMATION FOR SEQ ID NO:239:			
	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)		r	
	(/				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:239:		00	
AAA'	TATCA	TC TTTGGTGTT			19
(2)	INFO	RMATION FOR SEQ ID NO:240:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 19 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
		*			
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:240:			
'AAA	TATCA	TC TGTGGTGTT			19
(2)	INFO	RMATION FOR SEQ ID NO:241:			
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear			
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)			
	(xi)	SEOUENCE DESCRIPTION: SEO ID NO:241:			

(2)	INFO	RMATION FOR SEQ ID NO:242:					
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)					
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:242:					
TAG'	TTCTT	TG AGAAGGT					17
(2)	INFO	RMATION FOR SEQ ID NO:243:					
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)					
	, ,,		•				
C T C		SEQUENCE DESCRIPTION: SEQ ID NO:243:			•		1.7
		GT CAACGAG					17
(2)	INFO	RMATION FOR SEQ ID NO:244:					
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 17 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear				•	
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)	٠				
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:244:					
GAG	TGGAG	AT CAACGAG					17
(2)	INFC	ORMATION FOR SEQ ID NO:245:					
	(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 12 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear					
	(ii)	MOLECULE TYPE: DNA (oligonucleotide)					
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:245:					

AGCCTAGCT	G. AA		12
(2) INFOR	MATION FOR SEQ ID NO:246:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 35 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		•
	·		
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:246:		
GGACATCTC	C AAGTTTGCAG AGAAAGACAA TATAG		.35
(2) INFOR	MATION FOR SEQ ID NO:247:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 36 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
			• *
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:247:		2.0
TTCTTGGAG	BA AGGTGGAATC ACACTGAGTG GAGGTC		36
(2) INFOR	MATION FOR SEQ ID NO:248:		
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 36 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		
		,	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:248:		
AACGAGCAA	AG AATTTCTTTA GCAAGGTGAA TAACTA		36
(2) INFO	RMATION FOR SEQ ID NO:249:	,	
(i)	SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear		
(ii)	MOLECULE TYPE: DNA (oligonucleotide)		

	'Just'
Free Give	, trest
Į,	atus d
ļ=	Ė
,=	r L
13	Tariet.
12	E I
1,114	- Actual
32	
15	int.
	thur.
	Perm
Î	Hans.
E. 12. E	1
-	Pin B

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:249:	
GGT	CAACGAG CAAG	14
(2)	INFORMATION FOR SEQ ID NO:250:	
	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 14 base pairs  (B) TYPE: nucleic acid  (C) STRANDEDNESS: single  (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (oligonucleotide)	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:250:

GGTCAATGAG CAAG